

## PROFILE



**Name** : LEELADHAR KUMAR GAVEL  
**Designation** : Assistant Professor  
**Department** : Computer Science  
**College Name** : Govt. Ghanshyam Singh Gupta P.G. College, Balod (C.G)  
**Date of Birth** : 16/12/1974  
**Date of first Appointment** : 24/11/2014  
**Date of Regularization** : 24/11/2014  
**Specialization in P.G.** : Data Mining, Soft Computing

S.No.	Qualification Name	Institution Name	Board/University	YEAR
1.	B.Sc. ( Mathematics)	C. M. D. P. G. College, Balod (C.G.)	Guru Ghasi Das University, Bilaspur (C.G.)	1995
2	M. Sc. (Mathematics)	C. M. D. P. G. College, Balod (C.G.)	Guru Ghasi Das University, Bilaspur (C.G.)	1997
3.	M. Sc. (Computer Science)	Rajiv Ghandhi Institute of Computer Science & Technology, Shahdol (M.P.)	Makhan Lal Chaturvedi National University of Journalism and Communication, Bhopal (M.P.)	2007
4.	M. Phil. (Computer Science)	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	2008
5.	Pre PhD Coursework (Computer Science)	Guru Ghasi Das Vishwavidyalaya, Bilaspur (C.G.)	Guru Ghasi Das Vishwavidyalaya, Bilaspur (C.G.)	2014

**UGC NET (Computer Science and Application): Qualified in June 2014.**

**Residential Address** : G10/10, High Court Colony, Chakarbhata, Bilaspur (C.G.)

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Teaching Experience U.G. : 13 Years

Teaching Experience P.G. : 5 Years

<b>Research Publications</b>	:	<b>Total Research Papers Published - 04</b> <ul style="list-style-type: none"><li>• International Journals - 03</li><li>• International Conferences - 01</li><li>• <b>BOOK PUBLISHED - 01</b></li><li>• <b>PATENT AWARD - 02</b></li></ul>
<b>Area of research interest</b>	:	<ul style="list-style-type: none"><li>• Data Mining</li><li>• Soft Computing</li><li>• Machine Learning &amp; Deep Learning</li></ul>
<b>Life Membership</b>	:	<ul style="list-style-type: none"><li>• Membership of American Institute of Management and Technology (AIMT), USA, a subsidiary of The Global Knowledge Foundation (GKF), Inc., USA.</li></ul>

**Publications List:**

Details of Published Paper in International/National Journal/ National Conference/International Conference

S. No	TITLE	JOURNAL Name	YEAR	ISSN
1.	Rough Sets for feature selection and classification: An Overview with Applications	International Journal of Recent Technology and Engineering (IJRTE)	Volume-3, Issue-5, November 2014	2277-3878
2.	Rough Sets: An Overview, Hybridization and Application	International Journal of Emerging Science and Engineering (IJESE)	Volume-3 Issue-3, January 2015	2319-6378
3.	A Review of Particle Swarm Optimizations: Feature Selection, Classification and Hybridizations	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	Volume -3 Issue- 4, April 2015	2321-8169

**Book Published:**

S. No	Title of the book published	Publisher Name	Year of publication	ISBN/ISSN
1	Database Management System	Scientific International Publishing House (SIPH)	2022	978-93-94002-43-2

**Patent:**

S. No	Title of the Patent	Year of publication	Journal No
1	Deep Learning Based Fast Corner Detection Algorithm Using Matlab	2022	01/2022
2.	Industry 4.0 Based ML and Internet of Things for Observing and Safeguard the energy meter over Internet	2022	19/2022

**Proceedings of National /International Conferences:**

S.No.	Title of Paper	Conferences	Year
1.	Application of Rough set with Hybridization Techniques in feature selection and classification: A Survey	IRSMT-2015, Bilaspur University, Bilaspur (C.G.)	2015
2.	Rough Sets for Feature Selection and Classification : A Survey	Govt. E. Raghavendra Rao Post Graduate College, Bilaspur (C.G.)	2019
3.	A Study of Nonlinear Dimensionality Reduction Techniques with Comparison to PCA	International conference ICIRSMT-2020, Department of Computer Science and Application, ABV University, Bilaspur (C.G.)-India	2020
4.	Soft Computing based Intrusion Detection: A Case Study	Govt. E. Raghavendra Rao Post Graduate College, Bilaspur (C.G.)	2020
5.	A Study of Novel Coronavirus (COVID-19) Diagnosis System from CT & X-Ray Image based on Deep Learning Techniques	International conference ICIRSMT-2021, Department of Computer Science and Application, ABV University, Bilaspur (C.G.)-India	2021
6.	A Survey of Big data Analytics	American Institute of Management and Technology Conference Proceedings (AIMTCP)	2022

**Attended Refresher/ Orientation / FDP:**

S.No.	Program Name	Day / Week / Month	Organized by	Date
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1.	<b>ORIENTATION PROGRAMME</b>	26 Days	Human Resource Development Centre, GGV, Bilaspur (C.G.).	From 11/05/2015 to 06/06/2015
2.	<b>REFRESHER COURSE</b> (Mathematics, Statistics & Operations Research)	21 Days	Human Resource Development Centre, GGV, Bilaspur (C.G.).	From 01/12/2016 to 21/12/2016
3.	<b>REFRESHER COURSE</b> (Computer Science/ IT/ Applied Electronics )	13 Days	Human Resource Development Centre, Rastrasant Tukadoji Maharaj Nagpur University, Nagpur (Maharashtra)	From 13/09/2021 to 25/09/2021
4.	Short term Programme on <b>“Statistical Techniques for Business Analytics”</b>	1 Week	KIIT University, Bhubaneswar, Odisha.	from 22/12/2017 to 26/12/2017
5.	FDP on <b>“Artificial Intelligence and Machine Learning”</b>	1 Week	Electronics and ICT Academy at ABV University, Bilaspur (C.G.)	from 17-21 December 2018
6.	FDP on “Introduction to Programming: A Pedagogical Approach”	1 Week	Electronics and ICT Academy at ABV University, Bilaspur (C.G.)	from 17-21 June 2019
7.	FDP on <b>“Robotics &amp; AI”</b>	1 Week	Electronics and ICT Academy at ABV University, Bilaspur (C.G.)	from 24-28 June 2019
8.	FDP on <b>“Evolution from Offline to Online Teaching”</b>	1 Week	Satish Pradhan Dnyanasadhana College, Thane (Maharashtra)	from 30 May to - 3 June 2020
9.	FDP on <b>“Machine Learning for Computer Vision”</b>	1 Week	Electronics and ICT Academy at IIITDM, Jabalpur (M.P.).	from 29 June to 08 July 2020
10.	FDP on <b>“LaTex”</b>	1 Week	by LCIT Group of Institutions, Bilaspur (C.G.)	from 06- 12 July 2020
11.	FDP on <b>“Advanced Optimization Techniques and hands-on with MATLAB/SCILAB”</b>	1 Week	Electronics and ICT Academy at IIITDM, Jabalpur (M.P.)	from 13-24 July 2020
12.	FDP on <b>“Data Science for ALL”</b>	1 Week	Electronics and ICT Academy at IIITDM, Jabalpur (M.P.)	from 28 July to 8 August 2020

13.	FDP on “ <b>Python Programming</b> ”	1 Week	Electronics and ICT Academy at IIITDM, Jabalpur (M.P.).	from 07-18 September 2020
14.	FDP on “ <b>Research and Teaching Methodology</b> ”	1 Week	Govt. V. Y. T. PG Autonomous College, Durg, (C.G.).	from 05-11 July 2021
15.	FDP on “ <b>Cyber safety and Security</b> ”	1 Week	Indan Teacher Education Community, Indore (C.G.).	from 26-31 July 2021
16.	FDP on “ <b>Android App Development using Java</b> ”	1 Week	by Electronics and ICT Academy at IIT, Guwahati, Assam.	from 23 October- 1 November 2021
17.	FDP on “ <b>Natural Language Processing</b> ”	2 Week	Electronics and ICT Academy at NIT, Patna (Bihar)	from 07-18 February 2022
18.	FDP on “ <b>Online Education</b> ”	2 Week	Indan Teacher Education Community, at Khun Khun Ji Girls P.G. College, Lucknow (U.P.)	from 27 November-05 December 2022
19.	FDP on “ <b>Big Data Analytics</b> ”	2 Week	Electronics and ICT Academy at NIT, Patna (Bihar)	from 18-29 April 2022
20.	FDP on “ <b>Research Methodology</b> ”	1 Week	Kamla Neharu Mahavidyalaya, Nagpur (Maharashtra)	from 02-7 May 2022
21.	FDP on “ <b>Recent Trends in Optimization Techniques for Engineering Applications</b> ”	1 Week	VIT-AP University, Amaravati.	from 21/10/2022 to 27/10/2022
22.	<b>REFRESHER COURSE</b> in Computer Science ( <b>Education 4.0: Technological Revolution with Artificial</b>	2 Week	Human Resource Development Centre, Madurai Kamraj University, Madurai (Tamilnadu).	from 02/11/2022 to 15/11/2022

	<b>Intelligence, Smart System, Robotics and Big Data Analytics)</b>			
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**Seminar / Workshop Attends:**

1. Seminar on “Quality Assessment, Accreditation and Assurance in higher education” (from 26/02/2013 to 27/02/2013) in Bilaspur University, Bilaspur (C.G.).
2. Workshop on “Quality Enhancement in Higher Education” held on 11/07/2015 in Govt. G.S.G. P.G. College, Balod (C.G.).
3. Workshop on “Capacity Building & Choice Based Credit System” held on 25/07/2015 in Govt. G.S.G. P.G. College, Balod (C.G.).
4. Workshop on “ (i) Collection, Maintenance & Preservation of Data at College Level. (ii) Preparation of Reports, Review & Analysis of Examination Results and Preparation of Class wise Performance Report. (iii) Roadmap of Balod District for Next 3 Years on Qualitative Reforms and Extension in Higher Education” held on 01/08/2015 in Govt. G.S.G. P.G. College, Balod (C.G.).
5. Workshop on “Disaster Management: Techniques & Strategy” (from 01/02/2016 to 02/02/2016) in Rajiv Gandhi Govt. Post Graduate College Ambikapur (C.G.).
6. National Workshop on “Cryptography and Network Security” ( from 05/10/2017 to 06/10/2017 ) in Govt. Nagarjuna P.G. College of Science, Raipur (C.G.).
7. Certificate on “Fundamentals of Deep Learning for Multiple Data Types” from NVINDIA DEEP LEARNING INSTITUTE, INDIA (year 2020).
8. Certificate on “Fundamentals of Deep Learning for Computer Vision” from NVINDIA DEEP LEARNING INSTITUTE, INDIA (year 2020).

**Resource Person:**

1. Certificate of Appreciation as Resource Person in National workshop on “Developing Smart Skills for teaching” at Govt. Kavyopdhyay Hiralal College, Abhanpur, C.G. on 31-July-2020.
2. Certificate of Appreciation as Resource Person in FDP on “Google Class Room” at Govt. D.B. Girls College, Raipur C.G. on 23-25 August-2020.
3. Certificate of Appreciation as Resource Person in FDP on “Effective Teaching & Learning” at Bharti Group of Institution, Durg, C.G. on 05-07 July-2020.

**Responsibilities:**

1. Member in Board of Study in Hemchand Yadav University, Durg (C.G).
2. Member in Central Board of Study in Higher Education Department.

3. VC Nominee for Examination Committee in Hemchand Yadav University, Durg (C.G).
4. Ex. VC Nominee in Board of Study in Govt. V.Y. T. P.G. Autonomous College Durg (C.G).
5. Ex. VC Nominee in Board of Study in Govt. Digvijay P. G. Autonomous College, Rajnandgaon (C.G).
6. Membership of American Institute of Management and Technology (AIMT), USA, a subsidiary of The Global Knowledge Foundation (GKF), Inc., USA.
7. VC Nominee in Governing Body of Rungata Institute of Science and Management, Kurud Road Kohka, Bhilai, Distt-Durg (C.G.)
8. Pt. Sunder Lal Sharma Open University Bilaspur (C.G.) has been appointed as a Counselor for Computer Science Subject for 15 Nov 2021.
9. In-charge Nodal in SVEEP.
10. In-charge UGC cell of college.
11. In-charge NAAC of college.
12. Member of Anti Ragging committee of college.
13. Member of OBC cell of college.
14. Member of result committee of college.
15. Member of Time Table committee of college.
16. Member of committee of inspection for affiliation as subject expert at different institutes for University.